



stops at vulva



inserts spicules and transfers sperm



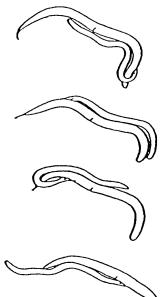
hook ablated approaches vulva



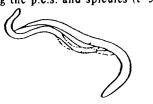
passes vulva



circles hermaphrodite



initiates a slow search for the vulva using the p.c.s. and spicules (t=300s)



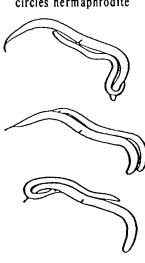
lov-1(sy552)approaches vulva



passes vulva



circles hermaphrodite



stops at vulva



inserts spicules and transfers sperm



FIG. 1

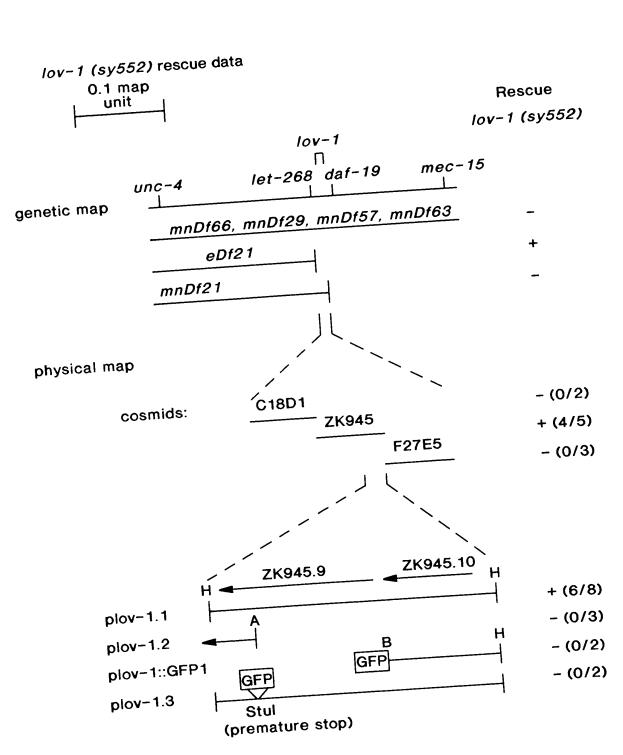


FIG. 2A

LOV-1 structural features and sequence homologies

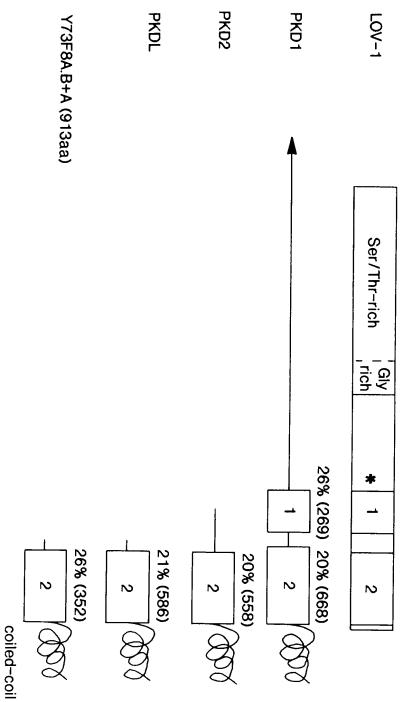


FIG. 2D





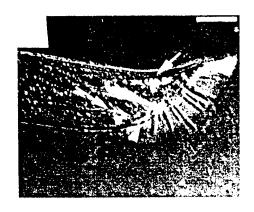


FIG. 4A

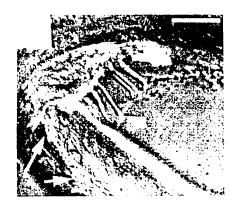


FIG. 4D

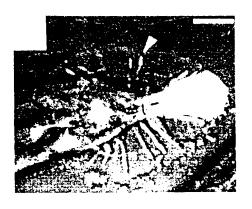


FIG. 4B



FIG. 4E



FIG. 4C

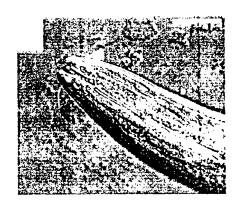


FIG. 4F

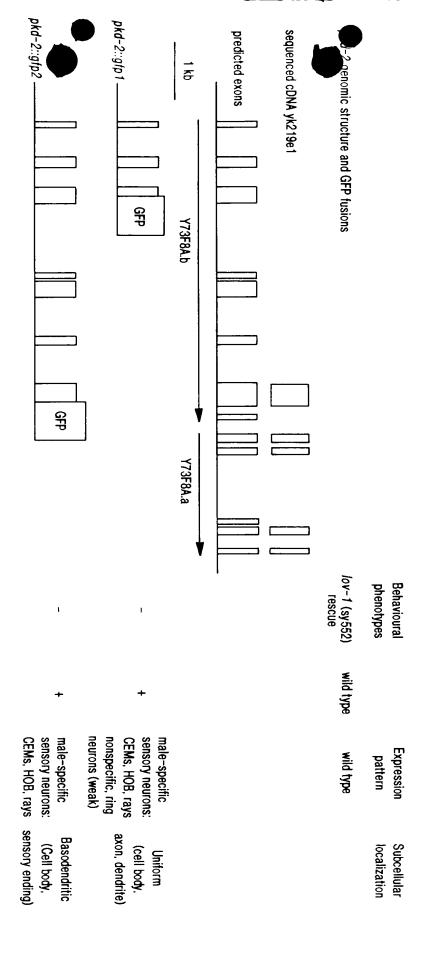


FIG. 3B

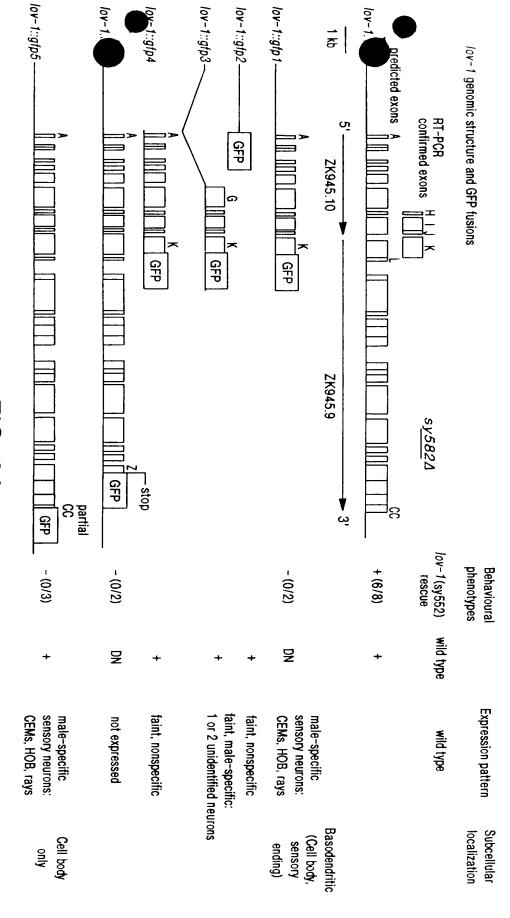


FIG. 3A

lov-1 gene structure: 16.7 kb rescuing clone

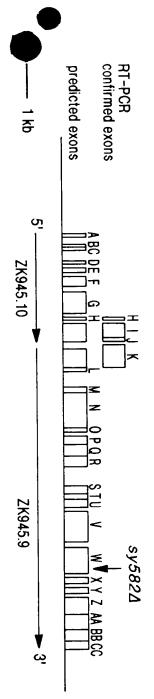


FIG. 2B

Schematic of GFP fusion constructs and expression data

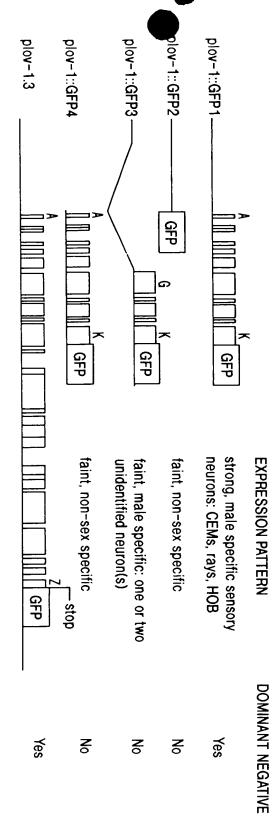


FIG. 2C